

ABSTRACT

A method for treating a lesion of an animal, the animal having at least one vessel that carries blood to the lesion, comprising locating the vessel, administering a composition comprising a photodynamic agent, applying energy to the vessel to photocoagulate the vessel and thereby reduce the rate at which the treatment composition exits said lesion and applying energy to said lesion, of a type and an amount sufficient to excite the photodynamic agent, causing the lesion to undergo photodynamic therapy. Preferably, a dye that is both a fluorescent dye and a radiation absorbing dye, such as indocyanine green dye, is added to the treatment composition to allow (a) confirmation of the presence of the treatment composition in the lesion to be detected by fluorescent angiography and (b) the rate of blow flow to be reduced in the blood vessel feeding the lesion using dye enhanced photocoagulation.